

FIG.1

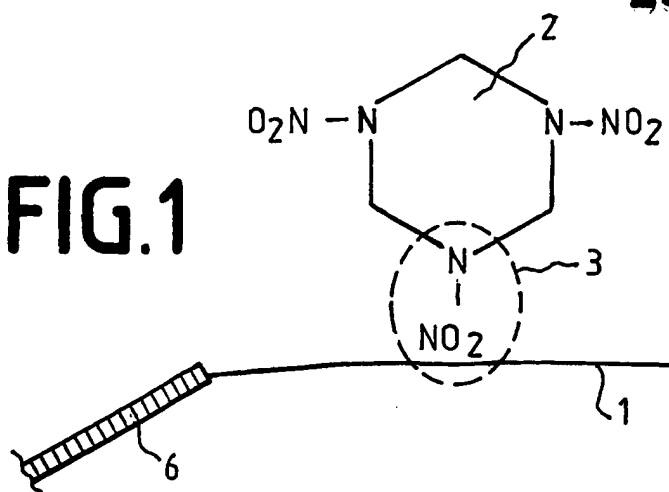


FIG.2

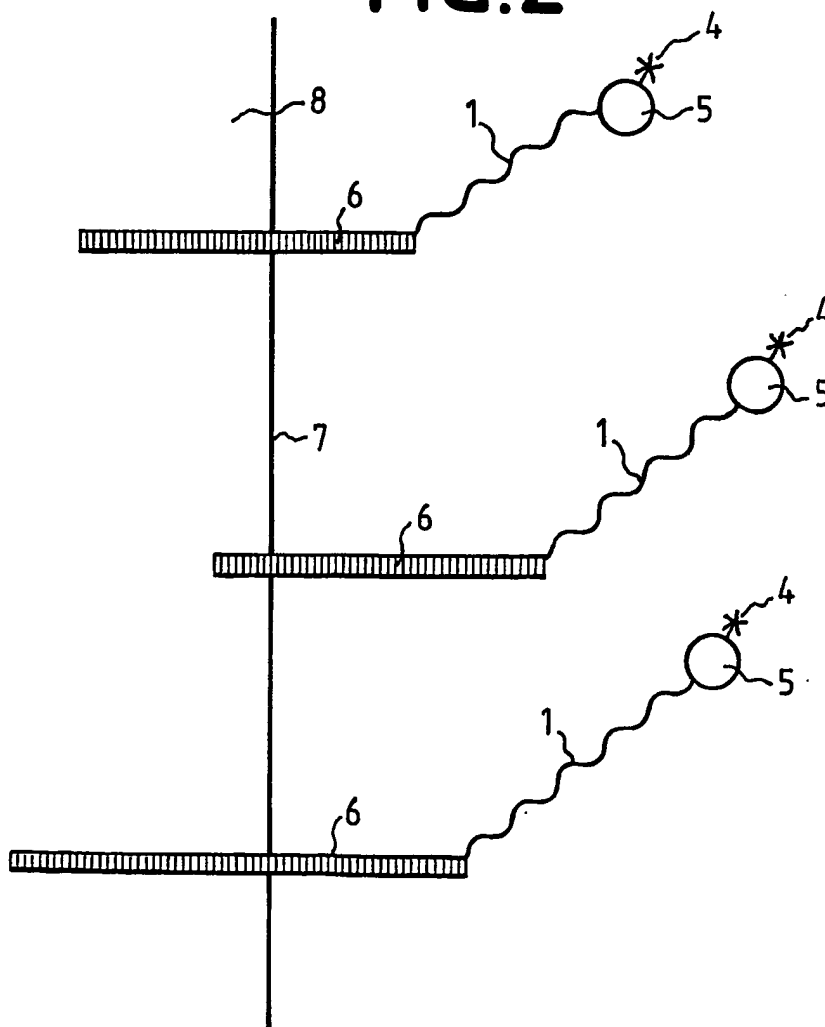


FIG. 3

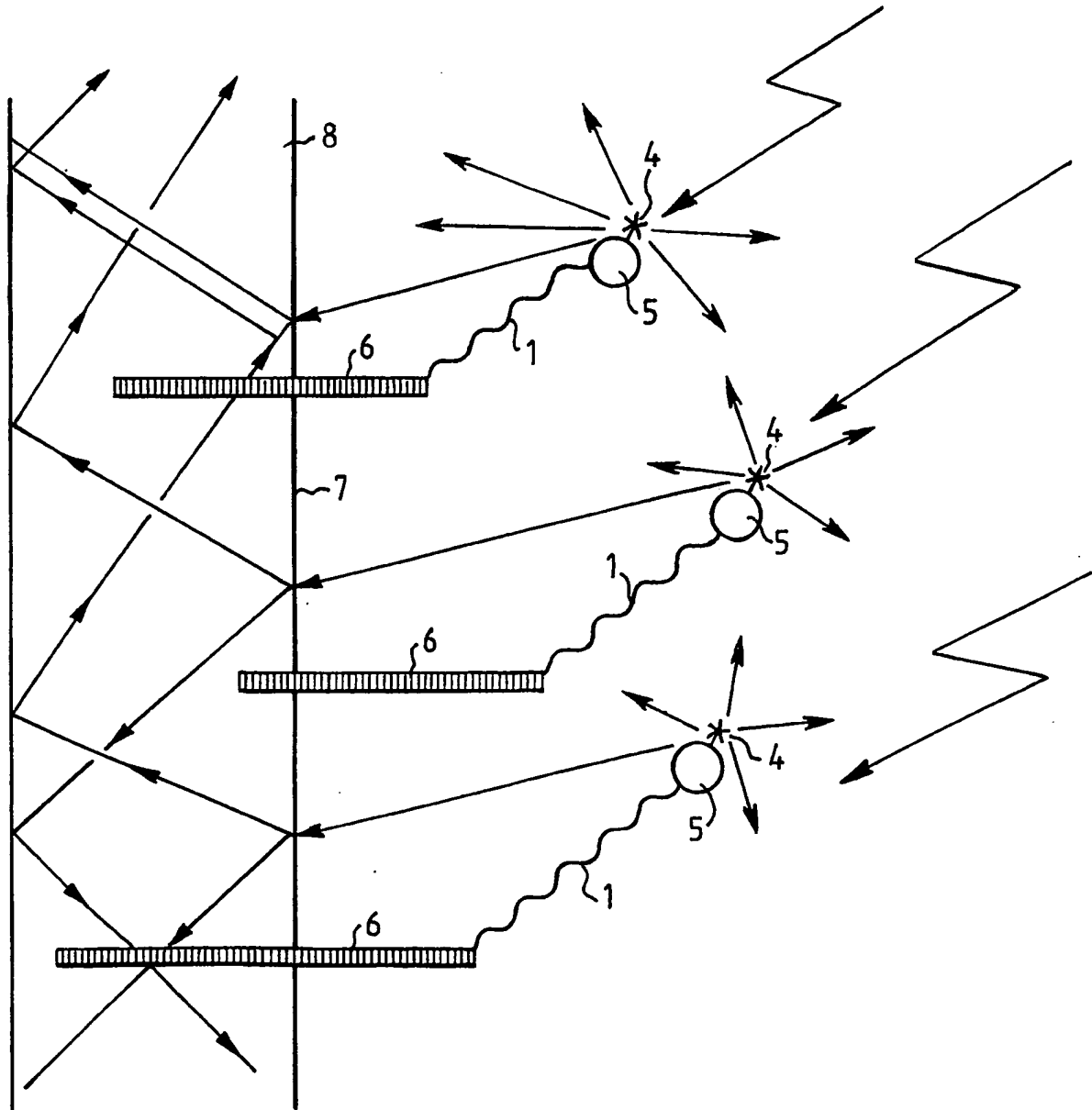


FIG. 4

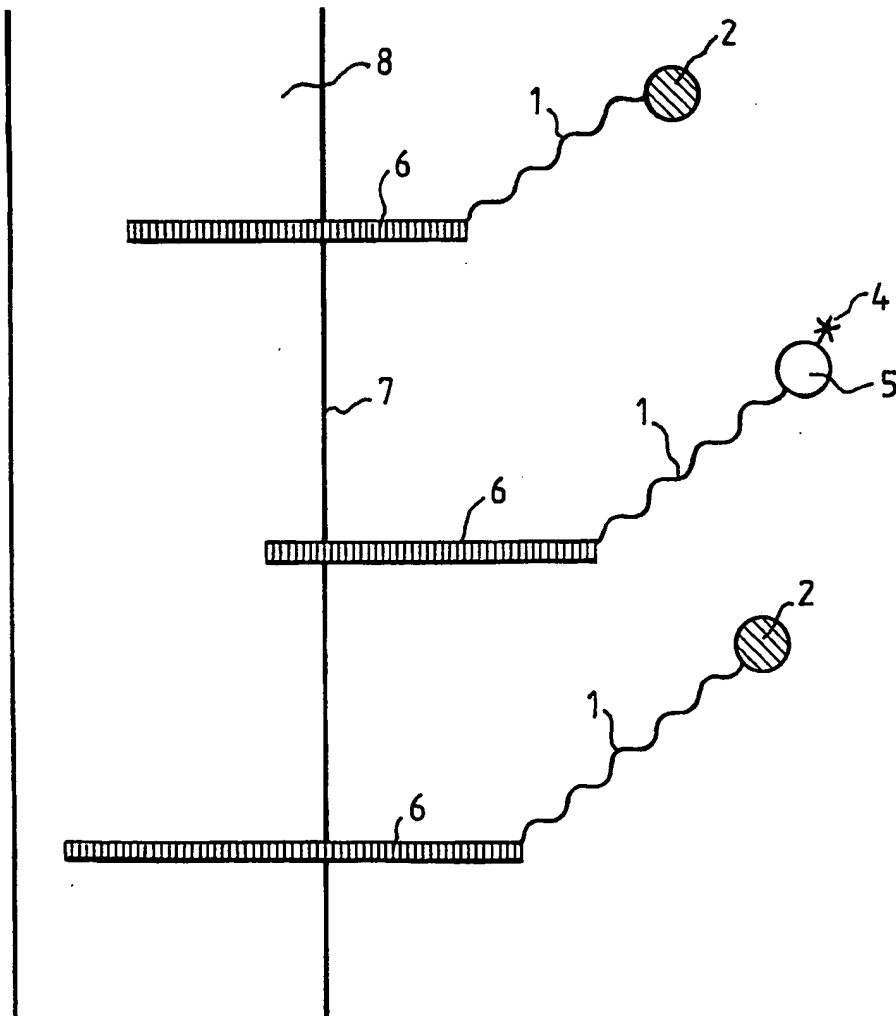


FIG.5

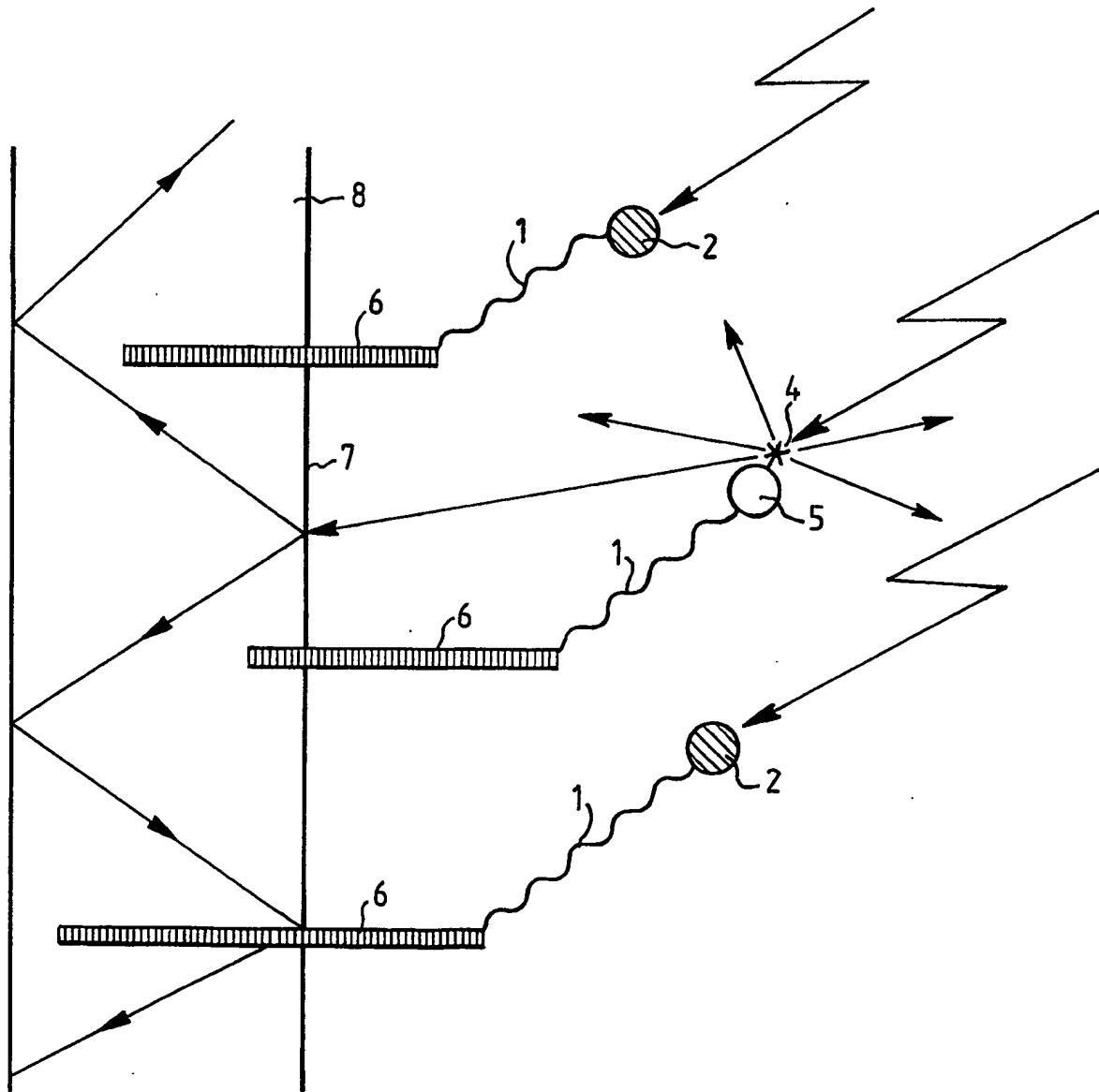


FIG.6

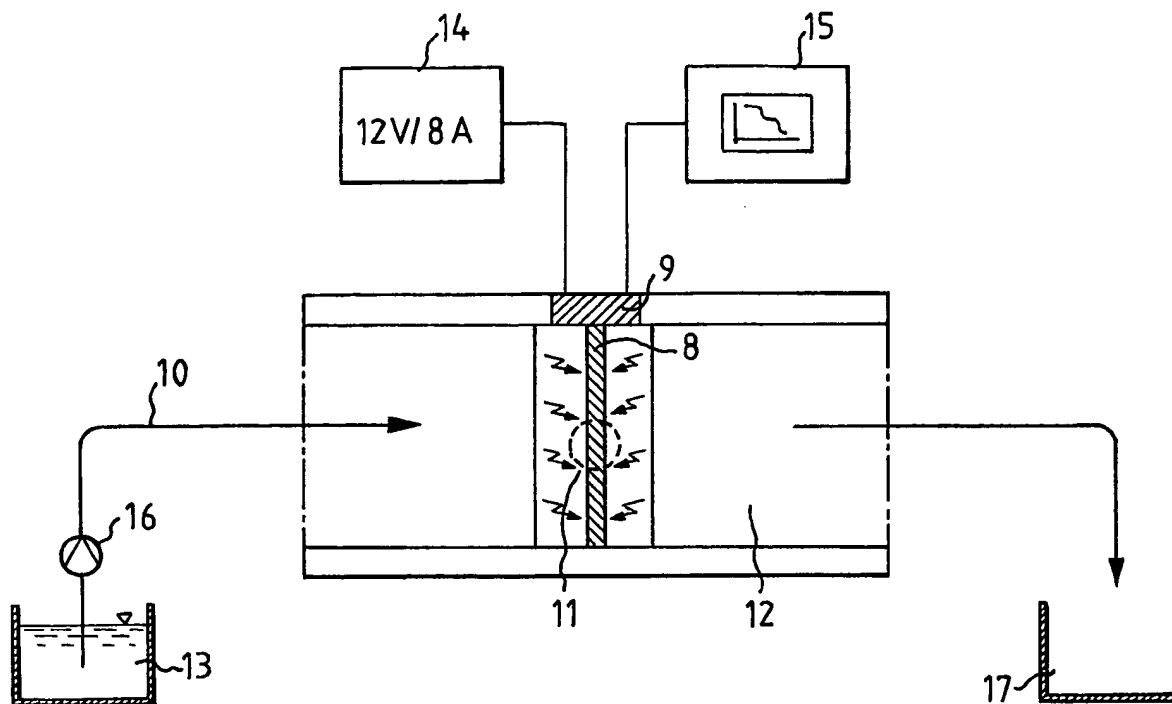
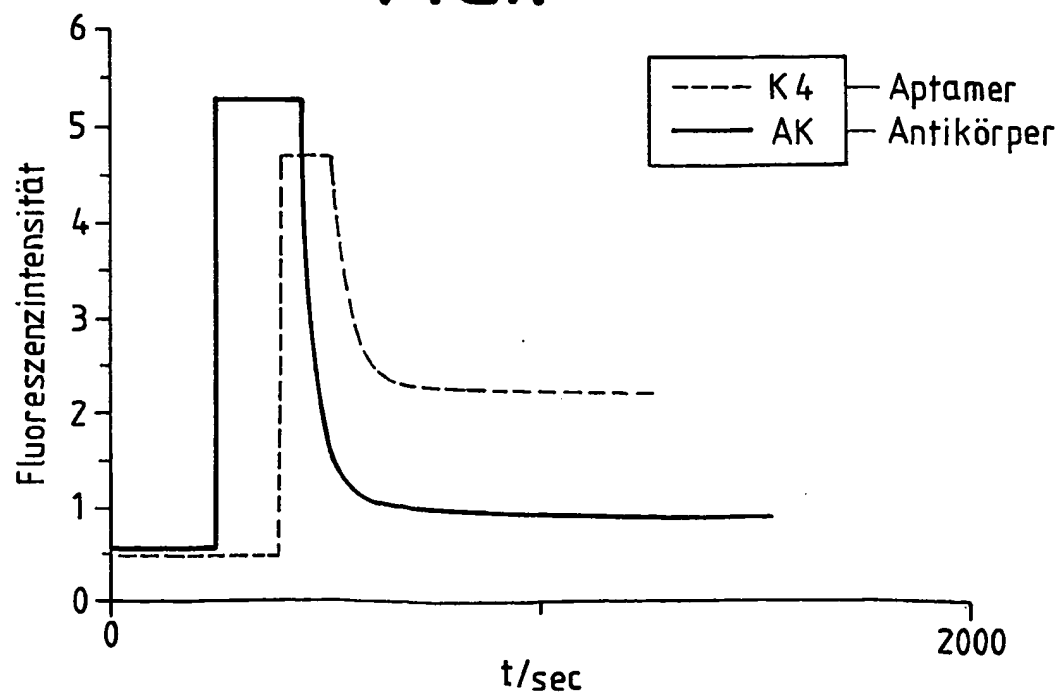


FIG.7



Konsensus Sequenzen:	C AUA CCGC G GCG	G A AUUAC GGG CU C U A	CUCGCAGUC	C AUGUGUGCU G
Einzelne RNA-Klone	A	*	0	☺
RNA Primersequenzen	A GGGAUUUCGAGCUCGGUACC B CUCGAGGCAUCCAGCCUUGG			
D01-3	A	.		
	AUCCGCGAGAUACG AUGGUC AUUGCAUUGCAUACGUAUUAAGAAACAUUGACGAACCGUCCGAUCCAUUAGUGGGCAGGUGAUACUGCCAGCCCCUUGGAGCGG			
D01-5		0		
	CUUAAUUGGGACUGACACACACGAGCCGACCGGUCAGAGUAAGUAGACCAUUUUUCAAGGGGCUCCGACGUCGCGGCUCCUCGGGCAUUUUGUCCCCC			
D01-6a				
	GUGUUGACCCNCCUUUUACCCAGCCAUUGUCUAUUUGGUUUCUCCAGCGCCCCUAUCUAGCCGAACUUCACGGACGAUGGUGUGCGGCGGACCCCCAUGCGUGC			
D01-7		.		
	AUAAACACAGUCCUAGACUAUUUCUUUCGGUACGUGCGCCCCCGCCGCGUAUUAACGGGAGCACGCCCGGCUAACGGUUGUCCCCUACGCAUGACCUGCAUUCACCG			
D01-8		.		
	UUAGCGUUCUUUACCCGGAAACAAGUGGGACAGCGUGGACUGACCCGCGGCUUUAAGAAAGGUGAUCGCGGCUUUAUUAAGGCCCCCAUCCCGGACCC			

AUAAACACAGUGGCUAGACUAUUCUCUCUGGUAGCGGCCGCCCGGGCCUGAUAUACGGGAGCAAGCGGGAUGGCCUACCGCAUGCUGCAUUUCACCG

ATCGATCTGATCAGGACGCGUCCGGCCUCCUAGGCGUAGUAGCGGGGUGGGUAAUACACCGGAGUACGCUUUAACUUAACCGGCCUUGUGAGCAACAC

D01-15

CCMCGGCCGATCCCCCAACAGCAGTGGTGTCTGTCGTTGGGCATGCGCCGCACCCGGCGCATCGGATCGGACATCGCACUCUUGCUAAATG

kompl.*

DOI-17

GUGAGUUUCCGAAUAGUUUGCUAGAGUGGCCAGCUACGGUACAUCUCCGGUCCGUAUUCUUCGG AACCCGGUCCGCGAAUUUACCGC AUGUCUCUCUGAGUUUCGCAGUAA

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D01-18

• inv •

GCACGAGGGCUCUUAUUJJCUGACCÇAUUJAVNAGCGCACCCGCAUCCGCCCUACGAGGCAAGACUAGGGUACUGUCGUACAGCAUCUCAUAGUUGMGGCG

DOI-19
GGUUGCUUUCGGCUUCGCGAUAUACGAAACUACCCUUAUAAAAAGGUGUCUUAAGCGCAUCAUUCGGAUCCCUUGUGGGGUUCCCAUCCGAGGUC

DO1.21

DO1-26 • UGCCGAIUANGCNIAAAUUUGCUCGACGGCCAGGACCCACGGCCUGGUGMAGUCAAUAGUAMGCCAGCGUAGGGGCUUUECCCAUUGCCCCCGAUGUGAGCCUAGA

D01-27

UGUGCCACAUUUGCUCUUGACGGGCACCUCGGGACCCGCCUCGAUUUAUCCGGCGCUCUUCAGCCGGACGGCGCGGCAUAUCUUAUAGGGCCAUUACCC

Inv A

DD1-29 

FIG.8c

DO1-30	CUUGGUGGCUUCGCGAACCGAUCUUGGGUUUCCAGACCCGAAUUAACGAMCACCCACGCGUGUGCAUAGUGUUCUUCGAMUGCCCCACCCCGUCAAUACGGCGGUA	^	
DO1-32	UGCACCAUUCGACGNGCAGAGGAGGCCCGAGAGACCCCUAAGAUUCUGCGCGMACUGUCUGAGUAGAAUUUUUUGUAGGGCGGCGAGUCGAAAGUUG	Inv	Inv
DO1-37	CUAAGGUUGGAUUUUUGUGMACCCACCGCGACCAUAGGACAGUUCGCGUACAGCGUUCACGCGUGCGACGCGNGCGACGCGUGCCCCGACCUCCUUAUGGA		
DO1-40	UACGGCAGUAAACCGUCGCCCUUGCGUCUGUCUUAAGCGCGGUGGAAUUAAGUCCCCGAGCACCCCCACAAAGGCUACAUAGUUGAGCAAAAGCGUGGCCA	Inv	Inv
DO1-41	UCGGCUAACUCACCGAAUUAAGCGAAGCGGGCGCGGUAUGGAUUCUUAUUGCMCUUUUACGUUGCGGGUUUACCAUGMACGACGUAGCUUCCCUAUGA		
DO1-47	AACAGGAAUGAGCGAAUCUACGUGUUUCCGCUCCGGAUAGGUAUACUUUGMACCAUUGUACACUUAUGGAUAGCAUGCGUCUAGCAUUGCGGCCCCUGGGG	^	^
DO1-59	AUUUCUUAACGGCGAAUAGCGUGAGAGAUUGCGUCCUGCGACUGGACACAGUGCCAGUCCGGCGGUUGCUUAUAGUAGGAGUGGGUUUAUAGU	Inv	Inv
DO1-61	ACUCUCGCUUGGCCUUGCAUUGCGCUAUAUUUAUUAUCCGMAUUCGUAUCGGCGUUUCCGCGUUAUUAUUGCGCAUUUUGMAUUAUACUUGUGCGCGGAGUACACA		

002-1 ☺
GACUUCGCCAUCCACGAGUGUCACGAGGCAUUAAGUUAUAGAUACAAUUAUCCCAUUAUAGGCUCCGGCGUUCUACCGCGAGGUCUUGAGUUAUGACCGCC
D02-2
GUCUUAUCCUGGACACCAAAUUGGAAACCUCUUCAGUUGGAGUCCCGAAACAGCCCCAAACCCCGCAUAGCGAGUCCAAUGCUACCGGGUACCCCCCA
D02-3 Inv A
GUUAAGCACCCUCGCUCUUCACACGCAUAGAGACUUGGCGMGGCMACCGAAUACGAAAUUUUGCCCCUUAUUGGCCCNCGACCUUGGCACAGCAAGCANCAUAGG
D02-5
CCCUUGCGGGGCCAACUGCGCUGUUUUAACGAUUUAUUAUCUUAUUGCACUUAUUGGCUUACGUGUGGUAGAAUUGUCGUACCCCCAUUGCCCGUGACCACAAUGCGCUU
D02-6I
UAUUUGCAGUACCGACGUAAUACCGGCAUUCGACGUUGACUCCGGGGCCAGCACUUAUUGCCUUAAGNUUAGUUGACGAGAGUUGGUA
D02-7 Inv A
CGCAAAACAAUUAUUGGUGGCGAAUACACGCCCCUACACAUUGAAGCUGACCAACCCGACCUUAUAGGGGGGUGCGGGCGGCAUCUUAACGAAUCGGCGUGGA
D02-8 A
GGUCAGUAUCCGUCGCUACGGGGUUGCUCCUCCUACAAUAGCGCUUUGGCCACGUCGUUUUUGGAUUAUUUGAGCCCCAUUGUAGAAACGGGUGCCCCACAUUAAAGC
D02-9
CAUCAAUAUAUAGCAUCCUUGUACAUUUCACAUUGCAACGGUCGUGAUUUGCGGCUAGAUAAACCCUGGCUACCAAAAGAAUUAUAGCAAAACUUGCA
D02-10 A
UCCACGUGGACCCCGCUAGCCCCACAGACGCCAGUAAUUCUUAAGCGACUUGCGCCUUGAGACACUUAUAGNACAAUACGGGCUUACCCACCGAGCC

FIG.8f

D02-22
 UCCAGCCCCAGCUCUAAAGUUUUGACUUAAACCAAGACGGCGAUGGUGACUCUUAUGCCCCCGACCCCCCAUAAUUUGCCCCCGUACUUACCAAGUCGUUUUGCCCC

 D02-23
 GGCAGCUUUCGAAUUUUCGGAGGCCCUAAUUGUCUUUUGUACCGUCUCUGUAAUAAUACCCACGUUGUCCGUCGCGAGACCCCCCUUUNAGCGAGUACCAACGCCCCCUC

 D02-24
 CUGGGCUAAUUCCGAAMUGCCCCUUUGUUUUAUCGCGCUCAAUUCUCCUGGUCMAUCCGUGCGGUAACAUAUUGCUGUAUGCAUGAUCUUGCUGUAUUUCCCCC

 D02-25
 AUUGGCCAGAACUAAAGGUUAAGCCCCCAAGCUUUUAAAGCCUUAGGAGCGGAGCAAAUUUUGAUGCCGGGCMUGACGUUCGGCCACCCCAUACAUAGUACU

 D02-26
 GAUAUCUCUUCACGUGCUAAAUUGGAGUAAACGGCCUUGUUAUCGUUACCCUUAACAUAUGGUGACUUUUGGUGACUUACGCUUUUGUAACAUAAGGCAAGACAGCUCUA

 D02-27
 AAGCUUCCCCACGAGACUCACAAUUAUUAUUCUGAUGCCCCAGUCACGCAUACAGCAGACUCUACCCUGAGCCGCGAUCGGCUUACGGCAUUUUUAAAGUUAUAAUUGG

FIG.8g

DO3-Serie

iDO3-3
AUAACACAMGUGGUAAGACUAUUUCUGGUAACGUGCGCCCCCGCCGUAUUACGGGAGCAGCGCCGGCUAMCGGAUGUGUCCUACGCAUGGUUCUGCAUUUCACCGG

iDO3-7

AUAACACAMGUGGUAAGACUAUUUCUGGUAACGUGCGCCCCCGG GUUUUACGGGAGCAGCGCCGGCUAMCGGAUGUCCCUACGCAUGACCUUGCAUUUCACCCC

Klon 2

DO3-2
NCANNUCUNCNCCCUAUAAGNUUNUUCGAGCUCGGAACC UGCCGAUUACGGGCUAMUUUG CUGCAGGCAUGCAAGCUUUGG

iDO3-10

UGCCGAUUACGGGCUAMUUUG

DO3-13

UGCCGAUUACGAGCUAMUUUG

Klon 8

DO3-04
CGGGGAUCCUCUAAGAUCCGAC

Klon 1

iDO3-6
UCUGAUCGGCCUGCCGGUU

DO3-16
CUNGACCCGCUAGCCGGUU

Klon 3

DO3-11
UUAACAAGCGCCUACGACUAUUCUCCAUUUAUGAGCGGGAUAGACUUUUACGMUCGAGCCUAUGACUNUUACAUIUCCAGCAGCUGGACCUAGCGGGGCCCC

DO3-14
UUAACAAGCGCCUACGACUAUUCUCCAUUUAUGIIGCGGGGAUAGACGUUUACGMUCCGAGCCUAUGACUNUUACAUIUCCAGCAGCUGGACCUAGCGGGGCCCC

FIG.8h

Klon 5

DO3-15
UUUUGGCGCCCGCUGCAGCGGAUUUGCUGUUAUACAAUCUCUUAAGAUGCHCCNACUHUUAUUGHGNNGGCHCACACHINUUGUGGGCAUAAGGHHCCCNUGNHICUGUGCGCGUGNGCNCUNNG
DO3-15
UUUUGGCGCCCGCUGCAGCGGAUUUGCUGUUAUACAAUCUCUUAAGAUGCHCCNACUHUUAUUGHGNNGGCHCACACHINUUGUGGGCAUAAGGHHCCCNUGNHICUGUGCGCGUGNGCNCUNNG

DO3-17

UAUCCGAGMAGAGGAGGCUAAUACAGCGCCUAUGCUCACUCUUAUUUGGCACGACACAGUGCGCGACGAGAUUGUAGCGMACUUCGAAUUCUAAUCUGCUCCGCUCUC

Klon 6

DO3-08

AUACACAAAGUGGUAACUAUUCUCUGGUAACUGGCGCGCGCGCGCGCGGAGCAUUAACGGGAGCACGCGCGGCUAACGGGAUGUCCCUACCGCUAUGAUUCUGCAUUCACCG

DO3-12

AUACACAAAGUGGUAACUAUUCUCUGGUAACUGGCGCGCGCGCGCGGAGCAUUAACGGGAGCACGCGCGGCUAACGGGAUGUCCCUACCGCUAUGAUUCUGCAUUCACCG

DO3-9

UCGAGUAUUCUCCCUUGCAUUCUCGACACCCACUGUUUGCAGACGGUCUUAUUGAUUCUUAAGGUAUUGUCCAGGGUCCACCGACGCAUUGUCUGCUCCG

DO3-18

GGCGUAGUAGCAUUGCGCCACCGCUCAAUUCGCGMAGCGCUACGACCAACCUACGUUGCGGCUUUGCGGAGUGUCCGAGCGGCUAUUCCACCAAA

10/527345

Konsensus Sequenzen

X = 0 - n Nukleotide oder Spacermoleküle

X = gleich oder verschieden